

WHAT IS CLAIMED IS:

- 1 1. An optical-signal receiver, comprising:
2 an optical sensor operable to receive an optical signal from an optical-signal
3 emitter communicatively coupled to an electronic system; and
4 a processor operable to implement a performance characteristic value
5 specified by the optical signal.
- 1 2. The receiver of claim 1, further comprising a transmitter operable to
2 communicate a state signal identifying a state of the receiver to the electronic
3 system.
- 1 3. A system, comprising:
2 an optical-signal generator;
3 an optical-signal emitter coupled to the generator; and
4 an optical-signal receiver having a performance characteristic set to a first
5 value, the receiver receiving from the emitter an optical signal operable to set the
6 performance characteristic to a second value.
- 1 4. The system of claim 3, wherein the generator comprises a computer
2 system.
- 1 5. The system of claim 3, wherein the emitter comprises a video-display
2 monitor.
- 1 6. The system of claim 3 wherein the receiver is operable to generate a
2 state signal identifying a state of the receiver.
- 1 7. The system of claim 6 wherein the receiver is further operable to
2 communicate the state signal to the generator.
- 1 8. The system of claim 6, wherein the emitter comprises a state-signal
2 receiver operable to receive the state signal from the optical-signal receiver and
3 provide the state signal to the generator.
- 1 9. The system of claim 3, wherein the receiver comprises a wireless
2 optical mouse.
- 1 10. The system of claim 3, wherein a performance associated with the
2 characteristic is displayable by the generator.

1 11. The system of claim 3, wherein the performance characteristic
2 comprises a frame rate.

1 12. The system of claim 3, wherein the performance characteristic
2 comprises an inactivity-period threshold.

1 13. The system of claim 6, wherein the state comprises velocity relative to a
2 surface.

1 14. The system of claim 6, wherein:
2 the state signal comprises a characteristic having first and second values; and
3 the first and second state-signal characteristic values respectively correspond
4 to the first and second performance-characteristic values.

1 15. The system of claim 3, wherein the optical signal specifies the second
2 value.

1 16. The system of claim 6, wherein the state signal specifies the second
2 value.

1 17. A system, comprising:
2 an optical-signal emitter operable to be coupled to an electronic system; and
3 an optical-signal receiver having a performance characteristic set to a first
4 value, the receiver receiving from the emitter an optical signal operable to set the
5 performance characteristic to a second value.

1 18. A method of programming an optical-signal receiver, comprising:
2 generating an optical signal to be received by the optical-signal receiver from
3 an optical-signal emitter, the receiver having a performance characteristic set to a
4 first value, the optical signal operable to set the performance characteristic to a
5 second value; and

6 displaying the optical signal.

1 19. A method implemented by a receiver having a performance
2 characteristic set to a first value, comprising:
3 communicating a state signal identifying a state of the receiver to an electronic
4 system;

5 receiving an optical signal from an emitter communicatively coupled to the
6 electronic system, the optical signal operable to set the performance characteristic to
7 a second value.